

SEP 26 2005

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**Fax Transmission** | September 26, 2005

TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FROM: Mark T. Skoog

OUR REF: 14095.1US11  
TELEPHONE: 612.371.5240

Total pages, including cover letter: 42

PTO FAX NUMBER 1-571.273.8300

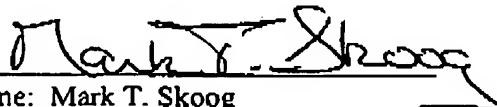
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SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT, FORM  
1449 AND ATTACHED REFERENCES

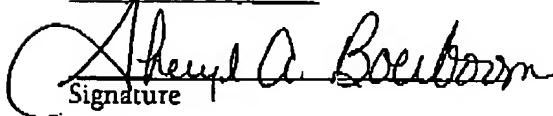
Applicant: CARLSON  
Serial No.: 10/813,568  
Filed: MARCH 29, 2004  
Group Art Unit: 1639  
Our Ref. No.: 14095.1US11  
Confirmation No. 4101

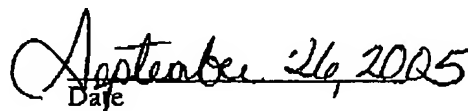
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Sheryl A. Boerboom

  
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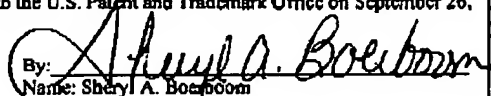
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CARLSON	Examiner:	M. SHIBUYA
Serial No.:	10/813,568	Group Art Unit:	1639
Filed:	MARCH 29, 2004	Docket No.:	14095.1US11
Confirmation No.:	4101	Customer No.:	23552
Title:	ARTIFICIAL RECEPTORS, BUILDING BLOCKS, AND METHODS		

**CERTIFICATE UNDER 37 C.F.R. 1.8(b):**

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on September 26, 2005.

By:   
Name: Sheryl A. Boebboom**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in an International Search Report mailed September 8, 2005.

This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits or a first Office Action after filing a Request for Continued Examination under 37 C.F.R. § 1.114 or a CPA under 37 C.F.R. § 1.53(d), but before the mailing date of: i) a final action under 37 C.F.R. § 1.113; ii) a Notice of Allowance under 37 C.F.R. § 1.311; or iii) an action that otherwise closes prosecution on the application. No fee is due as this statement is submitted as certified below under 37 C.F.R. § 1.97(e)(1) or (2) by the undersigned.

**Certification Under 37 C.F.R. § 1.97(e)(1)**

In accordance with 37 C.F.R. § 1.97(c) or § 1.97(d), the undersigned hereby certifies that each item of information listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart foreign application within three months of filing this statement.

**Certification Under 37 C.F.R. § 1.704(d)**

In accordance with 37 C.F.R. § 1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement. Accordingly, no patent term adjustment is due for the filing of this Information Disclosure Statement.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided. Enclosed for the Examiner's information is a copy of the International Search Report.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicant does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date:

Sept 26, 2005

Mark T. Skoog  
Mark T. Skoog  
Reg. No. 40,178



09/26/2005 13:50 FAX

MERCHANT & GOULD

SEP 26 2005

004/042

Date Mailed: September 26, 2005

Sheet 1 of 1

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 14095.1UST1	Application Number: 10/813,368
	Applicant: CARLSON	
	Filing Date: 03/29/04	Group Art Unit: 1639

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		DeLong, S. et al., "Covalently immobilized gradients of bFGF on hydrogel scaffolds for directed cell migration", <u>Biomaterials</u> , 26:3227-3234 (2005)
		Dertinger, S. et al., "Gradients of substrate-bound laminin orient axonal specification of neurons", <u>PNAS</u> , 99(20):12542-12547 (2002)
		Hypulite, C. et al., "Formation of Microscale Gradients of Protein Using Heterobifunctional Photolinkers", <u>Bioconjugate Chem.</u> , 8:658-663 (1997)
		Kramer, S. et al., "Preparation of Protein Gradients through the Controlled Deposition of Protein-Nanoparticle Conjugates onto Functionalized Surfaces", <u>J. Am. Chem. Soc.</u> , 126:5388-5395 (2004)
		Copy of International Search Report dated September 8, 2005

**23552**

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE